

## CLAIMS

1. A BUILDING CONFIGURATION INTRODUCED IN A SURGICAL-USE SCREW characterized by the fact of comprising an expandable element (1) formed by a monoblock body (2) with an essentially cylindrical configuration; the expandable element (1) comprises a threaded axial bore (3), which at its distal half (4) undergoes a funneling defining a threaded trunk sector (5); the expandable element (1) displays a set of slots (6), starting from its distal end and reaching as far as approximately half the length measurement of said element (1).
2. A BUILDING CONFIGURATION INTRODUCED IN A SURGICAL-USE SCREW, according to Claim 1, characterized by the fact that the proximal end (8) of the expandable element (1) incorporates a radial indenture (9) which can be employed as a coupling place for an appropriate tool to be used to promote the positioning of the mentioned expandable element (1) at its assembly place in the receiving bone structure.
3. A BUILDING CONFIGURATION INTRODUCED IN A SURGICAL-USE SCREW, according to Claim 1, characterized by the fact that the screw herein dealt with also comprises a spindle (10) operating as an expanding element of the expandable element (1), and the referred expanding spindle (10) incorporates a head (11) which, at the center of its structural region, incorporates a cavity (12), preferably with a sixangled configuration, destined to be used as coupling place for an appropriate tool (not illustrated) which is employed to promote the rotation and consequent advance of spindle (10) along the threaded axial bore (3).
4. A BUILDING CONFIGURATION INTRODUCED IN A SURGICAL-USE SCREW, according to Claim 1, characterized by the fact that, externally, the expandable element (1) counts on thread filaments (13) extremely close to one another, and which develop themselves along their entire length.
5. A BUILDING CONFIGURATION INTRODUCED IN A SURGICAL-USE SCREW, according to Claim 1, characterized by the fact that the expandable element (1) distal end incorporates a trunk configuration (16).

10/27/2003 4:44:00 PM